

PLUG-IN MODULE T1/T2, FOR 5SD7483-6 AND
5SD7483-7

Model		
product brand name		SETRON
Product designation		Surge protection device
Design of the product		Surge arrester
Type of distribution system		DC part of photovoltaic plants
Signal design		Defect signaling contact

General technical data		
Response delay	ns	25
Apparent power consumption / in standby mode	mVA	25
Insulation material		PBT / PA 6.6
Residual voltage / at (8/20) μs	kV	3.5
SPD classification / acc. to EN 61643-11 / Test Class II, Type 2		Yes
Protection level		
<ul style="list-style-type: none"> • between PE and L / for wanted signal 	kV	3.5

Voltage		
Continuous operating voltage / for DC / maximum	V	1 050
Residual voltage		
<ul style="list-style-type: none"> • at 10 kA / at (8/20) μs 	kV	3.2
<ul style="list-style-type: none"> • at 5 kA / at (8/20) μs 	kV	2.9
Overvoltage category / acc. to IEC 61010-1		III

Protection class		
Protection class IP		IP20
Combustibility class acc. to UL 94		V0

Electricity		
Discharge current		
<ul style="list-style-type: none"> • at (8/20) μs / Rated value 	kA	15
<ul style="list-style-type: none"> • 1 phase / at (8/20) μs / maximum 	kA	40
<ul style="list-style-type: none"> • 3 phase / at (8/20) μs / Rated value 	kA	40
Protective conductor current / for UC	μ A	20

Main circuit		
Operating voltage		
<ul style="list-style-type: none"> • for DC / Rated value 	V	1 050

Environmental conditions		
--------------------------	--	--

Ambient temperature

- | | | |
|-----------|----|-----|
| • minimum | °C | -40 |
| • maximum | °C | 80 |

General Product Approval

Declaration of Conformity



KEMA



GOST



EG-Konf.

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/5SD74983>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/5SD74983/all>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SD74983

CAX-Online-Generator

<http://www.siemens.com/cax>

Tender specifications

<http://ausschreibungstexte.siemens.com/tiplv>

last modified:

16.03.2015